

## Table of Contents

<b>INTRODUCTION.....</b>	<b>IV</b>
<b>RESEARCH AND STANDARDS .....</b>	<b>VIII</b>
<b>WORKSHEETS.....</b>	<b>1</b>
<b>DEMONSTRATIONS</b>	
<b>Chapter 1 – Section 1, Response to Stimuli.....</b>	<b>73</b>
<b>Chapter 2 – Section 5, Onion Cells .....</b>	<b>74</b>
<b>Chapter 3 – Section 2, Animal or Plant?.....</b>	<b>75</b>
<b>Chapter 4 – Section 2, Alleles for Round or Wrinkled Peas .....</b>	<b>76</b>
<b>Chapter 5 – Section 3, Fossils From Molds .....</b>	<b>77</b>
<b>Chapter 6 – Section 1, Bacteria in Food Preparation.....</b>	<b>78</b>
<b>Chapter 7 – Section 2, Observing Mushrooms.....</b>	<b>79</b>
<b>Chapter 8 – Section 4, Xylem &amp; Phloem .....</b>	<b>80</b>
<b>Chapter 9 – Section 4, Worm Behavior .....</b>	<b>81</b>
<b>Chapter 10 – Section 3, Breathing .....</b>	<b>82</b>
<b>LAB ACTIVITIES</b>	
<b>Chapter 1 – Section 1, Plant Stimuli &amp; Response .....</b>	<b>83</b>
<b>Chapter 2 – Section 1, Observing Cells in Pond Water .....</b>	<b>86</b>
<b>Chapter 3 – Section 1, Levels of Taxonomy for Wolves &amp; Dogs .....</b>	<b>89</b>
<b>Chapter 4 – Section 2, Dominant &amp; Recessive Traits.....</b>	<b>92</b>
<b>Chapter 5 – Section 2, Natural Selection With Colored Candy.....</b>	<b>96</b>
<b>Chapter 6 – Section 1, Bacteria All Around.....</b>	<b>100</b>
<b>Chapter 7 – Section 2, Moldy Bread.....</b>	<b>104</b>
<b>Chapter 8 – Section 4, Growing a Bean Plant .....</b>	<b>107</b>
<b>Chapter 9 – Section 2, Cold-Blooded Houseflies .....</b>	<b>112</b>
<b>Chapter 10 – Section 6, Ruler Reflexes .....</b>	<b>115</b>
<b>CHAPTER REVIEWS .....</b>	<b>118</b>
<b>CHAPTER TESTS .....</b>	<b>148</b>
<b>ANSWER KEY .....</b>	<b>168</b>